



J. Frank Osha
T 202-663-7915
fosha@sughrue.com

October 29, 2003

MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Application of Tomohiro AZUMA
ARRAY ANTENNA TRANSCEIVER AND CALIBRATING METHOD OF
TRANSMISSION ROUTE USED FOR THE SAME
Assignee: **NEC CORPORATION**
Our Ref. Q77946

2100 Pennsylvania Avenue, NW
Washington, DC 20037-3213

T 202.293.7060
F 202.293.7860

1010 El Camino Real
Menlo Park, CA 94025-4345

T 650.325.5800
F 650.325.6606

Toei Nishi Shimbashi Bldg. 4F
13-5 Nishi Shimbashi 1-Chome
Minato-Ku, Tokyo 105-0003
Japan

T 03.3503.3760
F 03.3503.3756

www.sughrue.com



Dear Sir:

Attached hereto is the application identified above comprising 44 sheets of the specification, including the claims and abstract, 10 sheets of drawings, a copy of an executed Assignment and PTO 1595 form, and a copy of an executed Declaration and Power of Attorney. Also enclosed is an Information Disclosure Statement and PTO/SB/08 A & B (modified) with reference.

The Government filing fee is calculated as follows:

Total claims	<u>22</u> - 20	= <u>2</u> x	\$18.00 =	<u>\$36.00</u>
Independent claims	<u>2</u> - 3	= <u> </u> x	\$86.00 =	<u>\$0.00</u>
Base Fee				<u>\$770.00</u>

TOTAL FILING FEE	\$806.00
Recordation of Assignment	\$40.00
TOTAL FEE	<u>\$846.00</u>

Checks for the statutory filing fee of \$806.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.



Commissioner for Patents
Q77946
Page 2

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2002-315422	October 30, 2002

The priority document is enclosed herewith.

Respectfully submitted,
SUGHRUE MION, PLLC

Attorneys for Applicant
J. Frank Osha

By: _____
J. Frank Osha
Registration No. 24,625

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER